

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Juha RAATIKAINEN et al

Art Unit:

Application No.:

Examiner:

Filed:

For: DOOR LOCK WITH CONTROLLABLE HANDLE
OPERATION

PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

The original claims that form the basis of this U.S. national stage application for the purpose of examination and amendment are the amended claims of the Annexes to the International Preliminary Examination Report.

Please make the following amendments to this application prior to examination thereof.

DESCRIPTION AMENDMENTS

After the title, insert the following new paragraph:

This is a national stage application filed under 35 USC 371 based on International Application No. PCT/FI2004/000582 filed October 5, 2004, and claims priority under 35 USC 119 of Finnish Patent Application No. 20031579 filed October 30, 2003.

CLAIM AMENDMENTS

1-6 (Cancelled)

7. (New) A door lock with controllable handle operation including a bolt, a follower for moving the bolt and an operation axis, on both ends of which an actuator can be installed for operating the follower, whereby force transmission from either side of the lock to the follower is established by means of movable coupling members, which are controlled by a solenoid arrangement or the like, and in which the follower is provided with two separate torsion units installed on the operation axis on different sides of the follower and turnably secured thereto, which units can be connected to force transmission with the follower by utilising said coupling members, wherein it comprises a selecting member, being a screw or the like movable in the direction of the operation axis, the selecting member being movable from one lock side to the other, which member retains the torsion unit selected in each case to be unturnable with respect to the follower, that is provided with a threaded opening for the selecting member, so that force transmission from the operation axis to the follower is connected on that particular side of the lock, and that on the other side of the lock, force transmission from the operation axis to the follower can be selectively either connected or disconnected by means of said coupling members under the control of the solenoid arrangement.

8. (New) A door lock according to claim 7, wherein the torsion units are provided with a recess or the like, which are shaped so as to receive at least a part of the selecting member.

9. (New) A door lock according to claim 8, wherein the selecting member is provided with an extended head, which cooperates with said recess or the like, when the selecting member is installed thereto.

10. (New) A door lock according to claim 8, wherein the follower is provided with a guiding member extending to said recess or the like of the torsion unit in the direction of the mid-axis of the opening in the follower and being in cooperation with the selecting member.

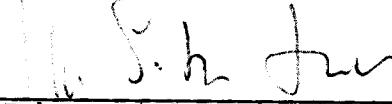
11. (New) A door lock according to claim 10, wherein said guiding member is further provided with a guiding surface, which is arranged to cooperate with a protrusion at the torsion unit, while the follower is being turned.

12. (New) A door lock according to claim 7, wherein said opening of the follower is arranged in a protrusion, and that each of the torsion units is provided with a corresponding protrusion, respectively, in which an opening is arranged for the selecting member, whereby the openings can be arranged concentrically with respect to the opening of the follower for installing the selecting member.

REMARKS

The above amendments are presented in order to place this application in better condition for examination.

Respectfully submitted,


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